

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q80429

Hang NGUYEN, et al.

Appln. No.: Not Assigned

Confirmation No.: Not Assigned

Group Art Unit: Not Assigned

Filed: March 29, 2004

Examiner: Not Assigned

For: METHOD FOR DECODING VARIABLE LENGTH CODES AND CORRESPONDING
RECEIVER

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicants hereby notify the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents, other than any U.S. patents and patent publications, is submitted herewith, along with a copy of the corresponding Communication from a Foreign Patent Office.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

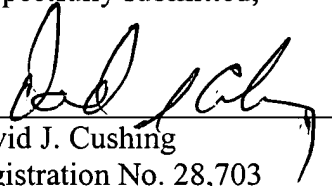
INFORMATION DISCLOSURE STATEMENT
Attorney Docket Q80429

filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,



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WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: March 29, 2004

Substitute for Form 1449 A & B/PTO <u>INFORMATION DISCLOSURE</u> <u>STATEMENT BY APPLICANT</u> <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	Not Assigned
				Confirmation Number	Not Assigned
				Filing Date	March 29, 2004
				First Named Inventor	Hang NGUYEN
				Art Unit	Not Assigned
Examiner Name	Not Assigned				
Sheet	1	of	1	Attorney Docket Number	Q80429

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		EP	0 744 869	A2	11/27/96	Canon Kabushiki Kaisha	Yes

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		M. Park et al, "Joint Source-Channel Decoding for Variable-Length Encoded Data by Exact and Approximate Map Sequence Estimation", IEEE TRANSACTIONS ON COMMUNICATIONS, IEEE, Inc. NY, US, Vol. 48, No. 1, January 2000, pp. 1-6, XP000912965	Yes
		J. Wen et al, "Soft-input of-output decoding of variable length codes", IEEE TRANSACTIONS ON COMMUNICATIONS, Vol. 50, No. 5, May 2002, pp. 689-692, XP002250048	Yes
		S. Aign, "Error concealment enhancement by using the reliability outputs of a SOVA in MPEG-2 video decoder", SIGNALS, SYSTEMS, AND ELECTRONICS, 1995, ISSSE '95, PROCEEDINGS, 1995 URSI INTERNATIONAL SYMPOSIUM ON SAND FRANCISCO, USA October 25-27, 1995, NY, NY, IEEE October 25, 1995, pp. 59-62, XP010159178	Yes
		L. Guivarch et al, "Joint source-channel soft decoding of Huffman codes with turbo-codes", DATA COMPRESSION CONFERENCE, 2000. PROCEEDINGS. DCC 2000 Snowbird, UT, USA, March 28-30, 2000, Los Alamitos, CA, USA IEEE COMPUT. SOC., US, March 28, 2000, pp. 83-92, XP010377348	Yes
		P. Bansal et al, "Improved error detection and localization techniques for mpeg-4 video", PROCEEDINGS 2002 INTERNATIONAL CONFERENCE ON IMAGE PROCESSING. ICIP 2002, Rochester, NY, September 22-25, 2002, INTERNATIONAL CONFERENCE ON IMAGE PROCESSING, NY, NY, IEEE, US, Vol. 2 of 3, September 22, 2002, pp. 693-696, XP010608066	Yes
		M. Bystrom et al, "Soft decoding for robust video transmission", 200 IEEE WIRELESS COMMUNICATIONS AND NETWORK CONFERENCE, Vol. 1, September 23, 2000, pp. 196-201, XP010532493	Yes

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.